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10/760 945

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FACSIMILE INFORMATION SHEETName of Individual: Examiner GartenbergCompany: USPTOCity and State: Alexandria, VAFacsimile Number: 571-273-4828From: Jessica SchrothTotal Number of Pages: 2 (including Information Sheet)Date Transmitted: January 4, 2005Client No.: 388 File No.: 032398Application No.: 10/760,945

Message:

Ex. Gartenberg,

I received your messages. This divisional is directed to Species V, claims 33-35, Figs. 21-29, 44, the 8th embodiment. On the next page, I have included proposed changes to the last paragraph of claim 33 for your review and our discussion. This feature is described in the specification under the discussion regarding the 8th embodiment starting on page 49 (see particularly page 50, lines 21+ and Figs. 23-25).

Please contact me to discuss.

Thank you,

Jessica

If you do not receive all pages, please call back as soon as possible. The number is (412) 471-8815.

(W0160053.1)

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FACSIMILE INFORMATION SHEET

Claim 33 (Proposed Amendments) A burner apparatus comprising an inner tube defining a second channel and an outer tube defining a first channel surrounding the inner tube, oxygen-containing gas supplying means for supplying oxygen-containing gas to the first channel and the second channel, and gas supplying means for supplying fuel gas to the first channel and the second channel, either the first channel or the second channel being used as a main combustion channel and the other being used as a pilot combustion channel, the main combustion channel and the pilot combustion channel receiving the supply of fuel gas for combusting it;

wherein a plurality of said first supply openings for supplying the fuel gas into the main combustion channel are distributed in the main combustion channel in a direction away from the pilot combustion channel; and

said first supply openings are oriented such that fuel gas from each of said first supply openings encounters a discharging resistance of the fuel gas from each said first supply opening due to passage of the oxygen-containing gas; and

is set so as to increase as being said discharge resistances increase as said first supply openings become more distant from the pilot combustion channel.

{W0160953.1}

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